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DUE
DATE

ACTION

DIST. LTR ENC

BENEDETTI, R.L. ☒ ☒
BENJAMIN, A. ☐ ☐
BERMAN, H.S. ☐ ☐
CARNIVAL, G.J. ☐ ☐
CORDOVA, R.C. ☐ ☐
CROUCHER, D.W. ☐ ☐
DAVIS, J.G. ☐ ☐
FERRERA, D.W. ☐ ☐
HANNI, B.J. ☐ ☐
HEALY, T.J. ☐ ☐
HEDDAHL, T.G. ☐ ☐
HILBIG, J.G. ☐ ☐
IDEKER, E.H. ☐ ☐
KIRBY, W.A. ☐ ☐
KUESTER, A.W. ☐ ☐
LEE, E.M. ☐ ☐
MANN, H.P. ☐ ☐
MARX, G.E. ☐ ☐
McKENNA, F.G. ☐ ☐
MORGAN, R.V. ☐ ☐
PIZZUTO, V.M. ☐ ☐
POTTER, G.L. ☐ ☐
RILEY, J.H. ☐ ☐
SANDLIN, N.B. ☐ ☐
SATTEWHITE, D.G. ☐ ☐
SCHUBERT, A.L. ☐ ☐
SETLOCK, G.H. ☐ ☐
SHEPLER, R.L. ☐ ☐
SULLIVAN, M.T. ☐ ☐
SWANSON, E.R. ☐ ☐
WILKINSON, R.B. ☐ ☐
WILSON, J.M. ☐ ☐
ZANE, J.O. ☐ ☐

Laurin ☒ ☒

Taylor ☒ ☒

CORRES CONTROL ☒ ☒
TRAFFIC ☐ ☐

Reviewed for Addressee
Corres. Control RFP

3-17-93

DATE BY

Ref Ltr. #

Department of Energy

ROCKY FLATS OFFICE
P.O. BOX 928
GOLDEN, COLORADO 80402-0928

MAR 15 1993

93-DOE-03086

Mr. Martin Hestmark
U. S. Environmental Protection Agency, Region VIII
ATTN: Rocky Flats Project Manager, 8HWM-RI
999 18th Street, Suite 500, 8WM-C
Denver, Colorado 80202-2405

Mr. Gary Baughman
Hazardous Waste Facilities Unit Leader
Colorado Department of Health
4300 Cherry Creek Drive South
Denver, Colorado 80222-1530

Gentlemen:

The Phase I RCRA Facility Investigation/Remedial Investigation (RFI/RI) Work Plan for Operable Unit No. 6 (OU 6), Walnut Creek Priority Drainage, specifies that a monitoring well west of the Perimeter Security Zone (PSZ) fence in Individual Hazardous Substance Site (IHSS) 165 be drilled 20 feet into bedrock. The well (76392) was only drilled into bedrock 12.1 feet. This error was not detected until after the drilling rig had completed work in IHSS 165. A moist sandstone was encountered from 8.5 feet to 13.6 feet and the well was screened to include that interval. Through a phone conversation on February 9, 1993, your OU staffs were notified of this situation.

Upon evaluating all of the other wells and borings in IHSS 165, it appears that sufficient data for this IHSS exit and drilling an additional boring to log the missed 7.9 foot interval is not warranted. The attached table summarizes the borings and wells that have been drilled in or adjacent to IHSS 165. The well and boring locations are shown on the attached map.

The tabulated data show that monitoring well 213889, which is downgradient of IHSS 165, extends 23.9 feet into bedrock. It is screened in sandstone from 11.3 feet to 20.8 feet.

There are 23 wells and borings in the area of IHSS 165 that are drilled into bedrock. The range of distance into bedrock is from 2.0 feet to 23.9 feet. The data in the table show that 10 wells and borings encountered sandstone and 13 did not encounter sandstone.

The monitoring wells that intersect sandstone provide sufficient groundwater sampling locations to determine the potential for groundwater contamination. The logs from the 23 wells and borings provide ample information to map the sediment and bedrock. The soil samples collected for analytical analysis during drilling of the wells and borings adequately sample the soil for potential contaminants.

EG&G
ROCKY FLATS PLANT
CORRESPONDENCE CONTROL

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MAR 15 1993

M. Hestmark and G. Baughman
93-DOE-03086


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Drilling an additional well or boring to satisfy the 20 foot criteria in the Work Plan simply to evaluate the remaining 7.9 feet into bedrock would not contribute any significant information to the existing data.

In order to have agreement between the Work Plan and the field work which was performed, the Work Plan specification of drilling the monitoring well 20 feet into bedrock will be changed to 12 feet through a Document Change Notice (DCN).

This letter and enclosure will serve as the justification for that change. Contact Norma I. Castaneda of my staff at 966-4226, if you should have any questions.

Sincerely,


James K. Hartman
Assistant Manager for Transition
and Environmental Restoration

Enclosure

cc w/ Enclosure:
A. Rampertaap, EM-453
R. Schassburger, ERD, RFO
B. Magee, HAZWRAP
R. Benedetti, EG&G
P. Laurin, EG&G
H. Ainscough, CDH
B. Fraser, EPA